Rubbermaid®
Medical Solutions

MOBILE MEDICATION CART

OPERATING MANUAL

REV 12/18/07

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SUMMARY OF WARNINGS

- The power system is designed for power cart mounted equipment only. Do not connect equipment that is not mounted on the cart into the power system outlets. Do not connect cart mounted equipment directly into a power source that is not mounted to the cart.
- The supplied spiral cord is rated for medical use. Connecting the cord to an outlet that is not medical grade (indicated with a green dot) will not ensure grounding protection.
- Spiral cord, power system and cart are for INDOOR use only. DO NOT OPERATE OUTDOORS.
- Keep spiral cord away from water. DO NOT PLUG CORD INTO OUTLET IF WET.
- DO NOT OPERATE POWER SYSTEM IF WET. If your cart becomes wet, unplug it immediately, turn off cart, wipe off any excess liquid, and allow it to dry before using again.
- Breaking the seal on the battery to add water will damage the battery and could cause injury.
- EQUIPMENT not suitable for use in the presence of a FLAMMABLE ANESTHETIC FIXTURE WITH AIR, WITH METERED OXYGEN OR NITROUS OXIDE.
- Inspect spiral cord before each use. DO NOT USE CORD IF DAMAGED.
- Fully insert spiral cord plug into outlet. DO NOT unplug by pulling on cord. DO NOT remove, bend or modify any metal prongs or pins of spiral cart cord.
- DO NOT use excessive force to make connections.
- DO NOT ALLOW CORD TO OVERHEAT
- DO NOT drive, drag or place objects over spiral cord. Do not stand or walk on spiral cord.
- Only authorized personnel, experienced in servicing electrical equipment should open the power system.
- Do not use an electrical extension cord with your cart.
- Do not use a flammable cleaner on the station as it can result in fire or explosion.
- WARNING! Do not attempt to lift product by yourself. Use proper lifting techniques—use legs instead of back.

Symbol	Signal Word	Level of Hazard
⚠	IMPORTANT	Indicates a situation that does not present any hazard but is very important in maintaining a well functioning cart.
⚠	CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury
⚠	ELECTRICAL	Indicates an impending electrical hazard which, if not avoided, may result in personal injury, fire and/or death.

LEAD BATTERY MUST BE RECYCLED

CART DISPOSAL

Dispose of this cart according to local guidelines and regulations for waste. Contact Rubbermaid Customer Service for more information. 1-888-859-8294

Transport/Storage

Care should be taken to transport and store this system within a temperature range of 32º F to 90º F (0º C to 32º C); Pressure 500 hPa to 1060 hPa; Humidity 20% RH to 95% RH non-condensing

INTRODUCTION

Rubbermaid medication carts combine a compact, lightweight design, superior ergonomics and a comprehensive set of nursing features making them ideal for point of care applications. The advanced medication keyless entry system and secure storage options combine to make it an ideal solution for electronic medication administration initiatives.

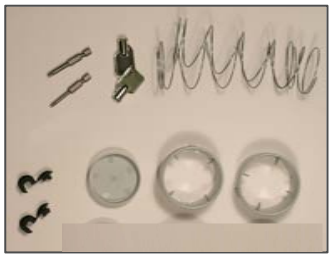
1. Monitor Stand: VESA®; Monitor Interface 75 mm & 100 mm; 360 degrees swivel; cables routed through monitor post
2. Waste Receptacle: Removable, easy to clean for disposal of non-regulated waste such as packaging
3. Medication Cups: A spring loaded sleeve holding up to 25 cups; 25 cc plastic cups and paper soufflé cups can be used
4. Top Work Surface: Large work surface with clear plastic cover for visible access to code/reference sheets; recessed for spill containment; includes pen/instrument slot
5. Bi-directional work Surface: Secondary surface slides out to left/right
6. Scanner Holder: Securely holds multiple scanner styles and enables presentation scanning
7. Keyboard Light: Illuminates keyboard and medication drawers
8. Keyboard Tray with Mouse Pads: Fits standard full-size keyboards; left/right mouse pads; mouse storage behind keyboard; height adjustable from 29” to 44” above ground
9. Spiral Cord/Cord Clip: (Not Shown) 8’ spiral cord stored at work surface level
10. Small Accessory Bin: External storage for small items such as PDAs, hand sanitizer bottles
11. Keypad with LCD Display: Display indicates Cart ID, drawer lock and charging status, and battery life; backlit when keys are pressed; controls keyless entry, keyboard light, and height adjustment
12. Control Boards & Software: (Not Shown) Control boards underneath keypad and behind medication drawers control electronic functions of cart; USB interface connects software
13. Electronic Keyless Entry System: PIN Code Access (4-digit, 0-9 digits, programmable) with audit tracking; automatically locks with programmable timer (1-99 minutes); supports 128 access codes; warning when drawers are left open and cart is locked; codes/audit tracking can be managed centrally over wireless networks
14. Medication Drawers: 2/5/8 drawers configurations available; removable and interchangeable with other carts and transfer cart system; accepts 4” x 1” labels; dividers included
15. Medication Drawer Security Plates: Security plates in between drawers deter unauthorized access to adjacent drawers; can be added/removed to change drawer configuration *(not shown)*
16. Locking Accessory Bin (Optional): Provides secure storage for regulated medical/surgical supplies such as syringes and solutions; opens when main PIN code is entered for medication drawers
17. CPU Storage: (Not Shown) Small form factor PC/Thin Clients securely stores behind keyboard tray; larger form factor storage in metal housing at rear of cart
18. Height Adjustment: 15” electronic height adjustment
19. Large Accessory Bin: Provides storage for larger items such as IV bags, charts, reference books, general supplies, clipboards, vital sign accessories; removable for infection control
20. Casters: High-grade dual wheel 5” medical grade; 1-locking
21. AC Power System: Sealed lead acid/absorbed glass matte; complies with UL 60601-1; 35/55 amp batteries available; 10 amp/hour charger;; automatic transfer switch dual output system; 3 plug outlet strip; battery indicator on front of work surface
22. Power System Controls: located on keypad; contains the On/Off controls, mute for the Low Battery Audible Alarm, and the battery charge level indicator
23. Emergency Stop: The cart is equipped with an emergency stop button located on the monitor arm or beside the medication cup to disable the powered lift mechanism
24. Drawer Sensors: (Not Shown) Optical sensors detect if a drawer is left open once the keyless entry system has been locked

CART SET-UP

1. UNPACKING INSTRUCTIONS

Please ensure your safety and product quality by completing the following:

1. Inspect the packaging to make sure there is no damage. Contact customer service at 888-859-8294 to report damage.
2. Cut bands and remove
3. Remove top cover.
4. Remove the large sleeve by pulling it over the top
5. Remove foam top and set aside.
6. Cut or tear the front of the bottom tray so that it folds forward.
7. Remove the large honeycomb pads around the base of the unit.
8. Carefully roll the unit forward off of the pallet and gently lower the cart until the caster is in contact with the floor. DO NOT DROP.



ITEMS INCLUDED:

- Cart
- Bag 1:
  - Monitor arm and hardware
- Bag 2
  - (in drawer): Scanner holder kit
- Bag 3 (in trash bin):
  - Medical cup dispenser
  - Strain relief for scanner holder
  - Torx security bits (T15, T25)
  - Manual override key
- Bag 4:
  - Drawer dividers (in drawers)
- Bag 5 (in drawers)
  - Power cord retainer clip

WARNING: Battery must be charged

WARNING! Do not attempt to lift product by yourself. Use proper lifting techniques—use legs instead of back.

Note: If package is left in cold temperatures for an extended period, condensation may appear on the base of the cart when brought indoors. Condensation will evaporate once the cart is brought indoors.

2. START-UP

1. Turn on power system, by holding down the power button on the keypad for 2 seconds. Raise cart by holding down up arrow on keypad

2. Install strain relief for external spiral cord (located in drawer)
3. Plug in power cable to base of unit and snap on strain relief over top of plug connector. Plug power cord into medical grade wall outlet indicated by a green dot on the face. Leave cart plugged in at all time unless in use. Refer to power system maintenance, if cart will be placed into long-term storage.

WARNING: The supplied spiral cord is rated for medical use. Connecting the cord to an outlet that is medical grade (indicated with green dot) will ensure grounding protection.

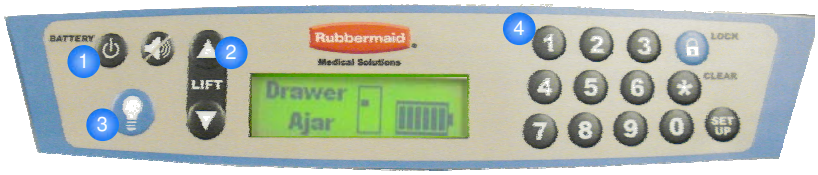
WARNING: Spiral cord, power system and cart are for INDOOR use only. DO NOT OPERATE OUTDOORS.

WARNING: Inspect spiral cord before each use. DO NOT USE CORD IF DAMAGED.

WARNING:DONOT remove, bend, or modify any metal prongs or pins of spiral cart cord.

WARNING: Inspect spiral cord before each use. DO NOT USE CORD IF DAMAGED.

3. TEST CART FUNCTIONS



1. If you have not already done so, turn power of cart on by holding down Power ON/OFF switch for 2 seconds.
2. Operate lift by pressing buttons on control panel to test height adjustment.
3. Check light by depressing button. Light should toggle ON/OFF with each press.
4. Check keyless entry by entering 8034 and opening drawers and optional locking side bin.
5. Calibrate drawer sensors. The cart is equipped with optical sensors that detect if a drawer is left open once the keyless entry system has been locked. When the cart is first powered up, the message,“ DRAWER AJAR” appears on the top LCD Panel. To calibrate the drawer sensors, each drawer must be "rattled" in and out within its free play while locked for about 3 seconds. When all drawers have been calibrated, the drawer ajar message will go out.

Additional Assembly Requirements

- Monitor arm
- Scanner holder
- Medication cup dispenser

Integration Requirements

- Keyboard and Mouse
- Monitor
- PC
- Scanner

Materials Needed

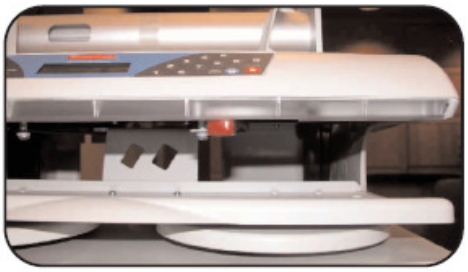
- Short Phillips screwdriver
- Cable mgmt materials
- Driver for Torx Bits

4. INTEGRATION OF COMPONENTS

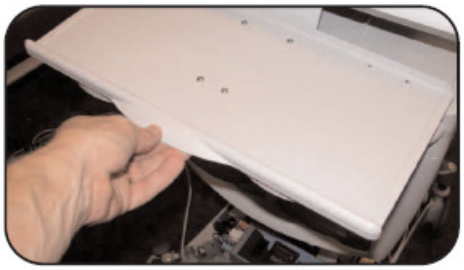
4.1 KEYBOARD AND MOUSE

1. Remove four Torx security screws and back panel cover with T15 Torx security drive and set aside.

2. Move keyboard tray to unlock position.



3. Pull keyboard tray out.



4. Run keyboard wire through hole on platform to the back and pull keyboard.

5. Place mouse on outer edge of platform. Run cable through same hole on keyboard platform to establish maximum mouse cord extension length.

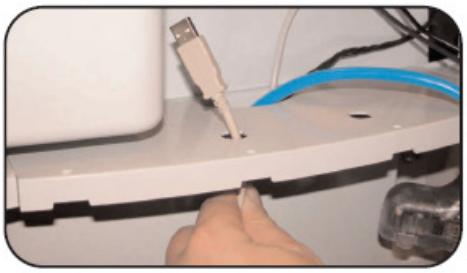
6. Using a wire-tie, secure the mouse and keyboard cords behind the keyboard

4.2 Scanner Holder Installation

1. Determine appropriate scanner clip by placing scanner neck into clip.

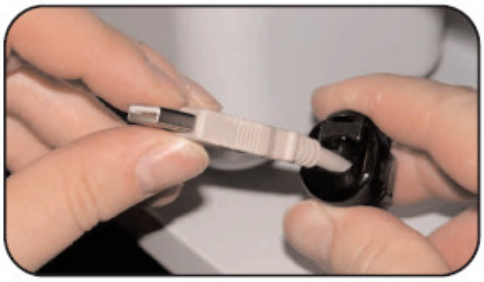
2. follow instructions in plastic bag that contains the scanner holder parts.

3. Place scanner cord through hole at rear bottom surface. Determine maximum scanner extension distance from cart.



4. Find retainer clip and place around cable just above the hole inside the compartment at the rear of the cart.

5. Close retainer clip and pull into position so that the neck of the retainer clip is in the hole in the bottom of the compartment.

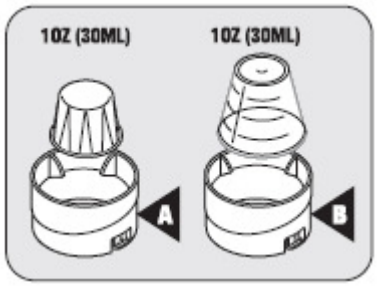


6. Alternative routing: Scanner cable can also be routed through hole in monitor arm.

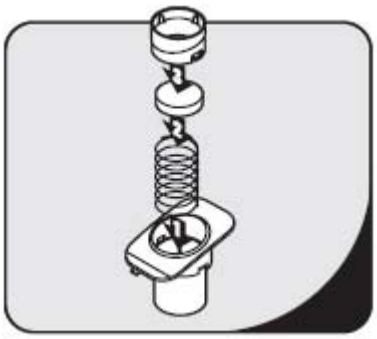
7. Once device that scanner is attached to is installed, further cord management may be desired using wire ties.

Medication Cup Assembly

Select correct size sleeves for your medication cups. Two different size sleeves have been included in bag 3



Drop springs and spring covers down into housing. Position sleeves over housing openings. Push down and snap into place.

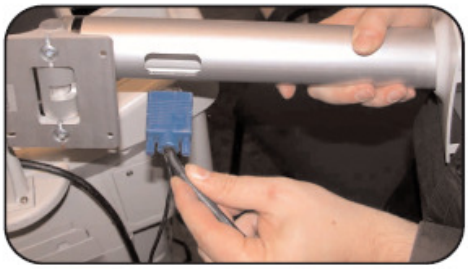


4.3 LCD MONITOR INSTALATION

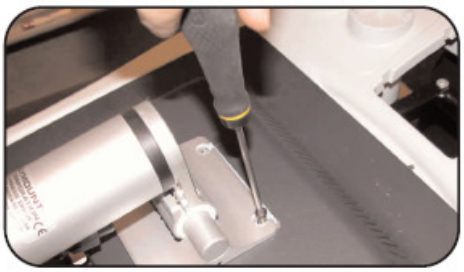
1. Determine all cables that will be required to attach to monitor/all-in-one PC.

2. Remove base plate on the monitor using a Phillips screwdriver.

3. Start with the largest connector. Feed the non-monitor end through the side pole in the monitor post (see picture). Pull it through the bottom. Insert the serial port cable through the bottom of the monitor post and out the side hole.



4. Attach the monitor to the VESA mount using the screws in the monitor kit accessory bag. If you have a 100mm VESA hole pattern, you will need to attach the adapter plan. (Follow the instructions in the adapter plate package)



Note: To run cables through the post, you may attach a "fish cable" such as a string to the connector you are feeding through and drop it through until you can pull the connector through.

5. Once the monitor is attached, pull the cables until the slack is removed.
6. While holding the monitor arm and assembly, feed all connectors and cable slack through the opening on the monitor mounting bracket.

7. Place the monitor base plate over the holes on the monitor mounting bracket using a T15 Torx security bit.

8. Position the monitor hole cover over the opening and snap it in place.

4.4. INTEGRATING CPU

1. Instructions apply to all CPU's stored internally such as thin-clients, ultra small form factors, and notebook/docking station combo's.

2. Ensure upper back panel of cart is removed using a T15 Torx security bit. Gather all cords

3. Plug connections into PC

4. Plug power cords into outlet strip from inside the cavity behind the keyboard tray.

5. Place PC into cavity

6. Use wire ties for cable management as desired.

7. The Cart includes a control board that operates several of the Cart's operations and also records data generated from the keyless entry system. An interface to this control board allows an external PC with a USB port to configure, control, and obtain status from/to the Cart. A USB 2.0 A/B style cable is connected on one end to the control board. The other end should be inserted into your PC's USB port.

OPERATING INSTRUCTIONS

QUICK REFERENCE GUIDE FOR GENERAL OPERATION

Rotating Monitor Stand: Rotates left/right making it easier to see while pushing

Emergency Stop: disables the lift mechanism. All other functions remain operational.

Med Cup Dispenser: Two sizes are available to accommodate up to 25 plastic or paper cups

Document Protector: Lift up to slide reference materials on work surface

Drawer Label Covers: accepts labels up to 4" w x 1" h

Secure Drawers: Accessed by keyless entry system. Drawers are fully removable. Drawers automatically lock after a set time (default 2 minutes). Drawer Ajar message flashes if drawers are not pushed in after systems locks down. If drawer ajar message does not clear, rattle drawer for 3 seconds to recalibrate sensor.

Presentation Holder for Barcode Scanner Holder

Waste Bin: can be removed for emptying or cleaning.

Secondary Work surface: Slides out to right or left side

Keyboard Tray Lock: Prevents keyboard tray from inadvertently coming out when going over thresholds.

Locking Side bin: Supplemental secure storage that is also controlled by the keyless entry system

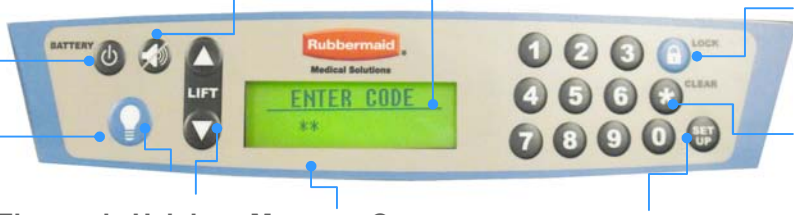
Lift Mechanism: accommodates up to 50 additional lbs and will automatically stop when it reaches its min/max. If lift is overloaded or becomes blocked by an obstruction, it will stop and the LCD will display "Lift Overloaded.". Lift will automatically rest.

Keypad Overview

Power Button: Press and hold this button to shut off all cart power. **This should be done only if the cart will not be plugged in or used for an extended period of time or the first time the cart is used.**

Mute Button: Press button to mute alarm when battery reaches 20%. If battery reaches 10%, mute will not work. Cart must be plugged in

Battery Level Indicator: Battery indicator will alarm at 20% remaining life. Immediately plug in cart and alarm will go off.



Lock Button: secures locking system

Clear Button: clears entry if mistake is made when entering PIN

Keyboard Light: automatically shuts off after a preset time

Electronic Height Adjustment Controls lift mechanism

Message Center: Indicates status of locking system and other information concerned electronic cart functions.

LCD Contrast: Adjustable by repeatedly pressing the SETUP and UP/DOWN arrows at the same time.

KEYLESS ENTRY OPERATION

Keyless entry includes a numeric keypad on the top of the user interface containing the digits 0-9 for user entry into the drawers. Each time a number is pressed, a corresponding * will appear on the

LCD display verifying that a number has been pressed. Upon entry of a correct code, the unit will unlock the drawers and the message "DRAWERS UNLOCKED" will appear on the LCD display.

If an invalid code is entered, the message "ERROR INVALID CODE" will appear.

The optional side locking bin will also be unlocked at the same time that the unit unlocks the front drawers. The unit will automatically relock the drawers according to a preset time ranging from 1-99 minutes. This auto lock-down time can be set using the control board software (see Control Board Software Manual)

LOCK allows the user to lock the drawers before the automatic relock occurs. CLEAR button is provided to allow the user to clear the numeric entry if he or she enters or starts to enter an incorrect code.

Keyless entry models can be programmed with up to 128 codes.

Drawers are designed so that they can be removed from the unit. The unit will still lockdown the remaining drawers when drawers are removed. Drawers can be reinserted into a locked unit without unlocking the unit. Once fully inserted, the already locked and newly inserted drawers will all be locked. Security plates between drawers deter unauthorized access when one or more drawers have been removed. The keyless entry unit will only work when the unit and the battery are charged to an operating level.

Open Drawer Sensors
The cart is equipped with optical sensors that detect if a medication drawer is left open once the keyless entry system has been locked. Any drawers that are open will be indicated by their position on the keypad.

MANUAL OVERRIDE LOCK

The keyless entry system is provided with a redundant hard lock on the back of the cart and the side of the locking side bin. This hard allow unlocking of drawers if the unit is used until low voltage shutdown. It can also be used to lock the drawers and disable the keyless entry system. In other words, with the hard lock in the locked position, it will override the keyless entry system, and the system will not unlock the drawers. The hard lock is located on the rear panel of mobile medication (see illustration).There is also a hard lock that uses the same key on the optional side locking bin. There are no disable features on the side locking bin lock. The hard lock is a rotary latch and has three positions. The key is included in bag

Position 1 is the unlocked position. This position unlocks the drawers. The key cannot be removed.

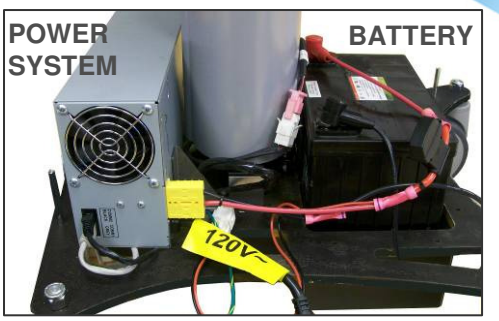
Position 2 is the normal operating position. It enables the keyless entry system to operate.

Position 3 is the locked position. The keyless entry system will not function.

SETTING CODES – see Control Board Software Manual

Default code = 8034

POWER SYSTEM OVERVIEW



OVERVIEW

The base of the cart has an integrated power system and battery that supplies power to the cart. The Power System Interface is located on the work surface.

POWER SYSTEM SPECIFICATIONS

All components of the power system are contained within the base of the cart with the exception of the POWER SYSTEM INTERFACE and optional Power Alert software. The power system is contained in a single metal housing in the base and contains a TRUE SINE WAVE INVERTER, CHARGER, ISOLATION TRANSFORMER, and AUTOMATIC TRANSFER SWITCH. The cart also comes standard with a sealed lead acid battery optimized to work with the power system. OUTLET POWER STRIP is connected to the power system for running peripheral devices. An EXTERNAL SPIRAL CORD is connected to the base of the cart.

Charger: The power system module includes a 3 stage,10 amp charger that is designed to match the onboard battery. The upper voltage limits have also been altered to maximize battery cycles. The system also monitors the battery voltage to prevent overcharging. The charger is designed to charge the battery to a maximum of 14.2 volts.

True Sine Wave Inverter: Converts DC power to True Sine Wave 120 V AC Power, 350 Watt Output. Inverter ensures power factor corrected devices, like flat panel monitors, operate properly.

Automatic Transfer Switch: enables full use of computer without interrupting battery charging by switching power draw from the battery to the wall outlet when the unit is plugged in.

Isolation Transfer: Ensures full UL 60601-1 compliance by managing leakage current of connected equipment to protect patients and sensitive equipment commonly found in a healthcare environment.

Battery: 35 or 55 AMP Sealed Lead Acid (SLA) 12 V. The battery does not contain a memory, and therefore can be charged regardless of the current state of charge. It is recommended that the battery be charged whenever the unit is not in use as this will ensure that the unit is ready to use and will help extend battery life.

⚠ Battery warranty is automatically void when a fully discharged battery is left in an unused state for more than three (3) consecutive days.

Outlet Strips: 3 position outlet power strip is within the upper cavity of the cart behind the keyboard

External Spiral Cord: Hospital grade external spiral cord is 2.5 ft in resting position and extendable to 8 ft. Overextending the cord may cause permanent damage and void warranty.

⚠ WARNING: The power system is designed for power cart mounted equipment only. DO NOT connect equipment that is not mounted on the cart into the power system outlets. DO NOT connect cart mounted equipment directly into a power source that is not mounted to the cart.

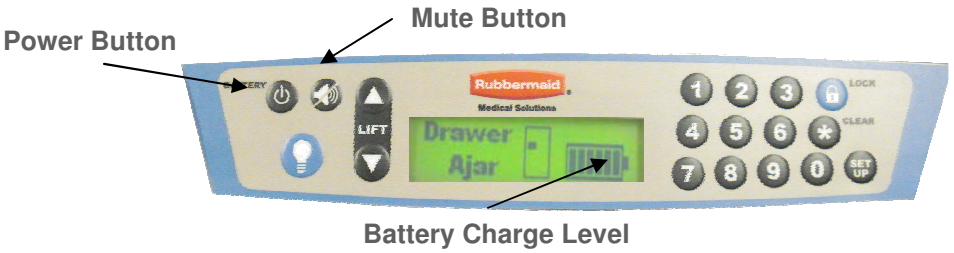
⚠ WARNING: The supplied spiral cord is rated for medical use. Connecting the cord to an outlet that is not medical grade (indicated with green dot) will not ensure grounding protection.

⚠ WARNING: Spiral cord, power system and cart are for INDOOR use only. DO NOT OPERATE OUTDOORS.

⚠ WARNING: Inspect spiral cord before each use. DO NOT USE CORD IF DAMAGED. DO NOT remove, bend, or modify any metal prongs or pins of spiral cart cord.

POWER SYSTEM INTERFACE

The Power System Interface is located on the work surface and contains the On/Off controls, Mute for the Low Battery Audible Alarm, and the battery charge level indicator.



Using the Power System

ACTION	STEPS REQUIRED	INTERFACE RESPONSE	WHEN TO USE
TURNING ON SYSTEM	Press and hold power button for approximately 2 seconds	• Systems beeps • All Devices plugged into outlet strip will receive power • System powers up. Battery state is valid after 45 sec.	• During initial start-up • After replacing battery • If system has been shut-down • If system has shut itself down after reaching critically low battery charge levels
TURNING OFF SYSTEM	Press and hold button for approximately 2 seconds	• System beeps • All Devices plugged into outlet strip will **STOP** receiving power	• If cart will not be used or plugged in for an extended period of time. • Before a battery change • If Power System is going to be serviced • If Audible alarm cannot be muted after plugging in system • If the cart is being moved to a different facility or put into long-term storage
USING THE MUTE BUTTON	Press and hold until audible alarm discontinues	• System beeps • Audible alarm will silence as long as battery level is above 10%. At 10%, the alarm, even if previously muted will resound every minute. Either charge the battery or shut down the unit. Failing do one of these things will damage the battery	• When the audible alarm first goes off at the 20% battery remaining level. When alarm first sounds, the cart should be plugged in as soon as possible to avoid reaching a critically low level that could damage the battery.

BATTERY REMOVAL AND REPLACEMENT

Only use batteries specified by Rubbermaid Medical. Failure to do so will void power system warranty. Call customer service for details.

Do not replace battery in oxygen rich environments as it is possible for sparking to occur.

Always unplug the power cord from the wall outlet when removing the battery.

There are two conditions when a battery should be removed:

1. When the battery needs replacing
2. When the cart will be placed into long-term storage (more than 60 days without use)

BATTERY REMOVAL (POWER CARTS ONLY)

Tools Required

3 mm Allen Key
Phillips Screwdriver
10 mm Wrench (for disconnecting battery)

1. Power Down System

a) Turn off any components plugged into cart (example – PC, Monitor)
b) Turn off Power System by Holding On/Off switch for 2 seconds

2. Long-term Storage (greater than 2 months)

WARNING: If cart will not be used for more than 2 months, full charge the battery; turn off the cart by holding the on/off button. The battery will need to be recharged every 120 days to prevent damage.

If you wish to store the battery separate from the cart, Store battery in a cool dry location.

3. Unplug Power Cord from Wall Outlet

4. Remove Front Base Cover and Battery Retainer Strap

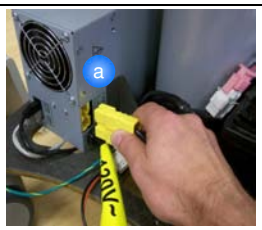
a) Using 3mm hex key or 5/32" to remove two fasteners on front base cover and place aside
b) Remove Battery Retainer Strap by undoing clasp and unthreading strap from buckle

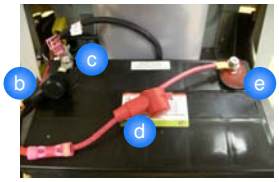
5. Disconnect Battery Cables from Battery

a) Disconnect battery connection to power system
b) Remove black boot from terminal
c) Use wrench/screwdriver to remove bolt from battery terminal.

WARNING: Do not allow any metal objects or tools to contact both a terminal and other metal parts (including the other battery terminal) at the same time.

d) Remove red boot from terminal
e) Use wrench/screwdriver to remove bolt from battery terminal
f) Place disconnected cables off to side.
g) Grasp handles on battery and slowly pull out of base





LEAD BATTERY MUST BE RECYCLED

6. Place New Battery in Cart

a) Place battery standing upright with the terminals towards the center of the cart

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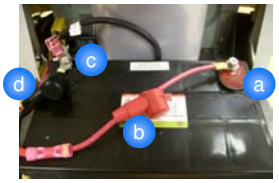
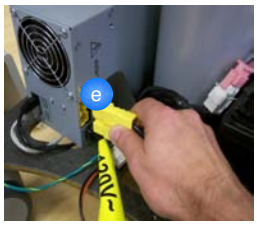
7. Connect Battery Leads to New Battery

WARNING: Always connect the Red (+) terminal first. Do not allow any metal objects or tools to contact both a terminal and other metal parts (including the other battery terminal) at the same time.

a) Fasten Red Connector to Red (+) Terminal using terminal bolt. A harmless spark may occur when connector touches terminal. Quickly tap connector to terminal to diminish effect.
b) Cover terminal bolt with protective red boot
c) Fasten Black Connector to Black (-) Terminal using terminal bolt
d) Cover terminal bolt with protective black boot. Tuck excess battery cable into battery cavity
e) Reconnect battery connector to power system
f)





8. Attach Front Base Cover

a) Locate tabs on top inside portion of front base cover
b) Insert tabs into slots on top of rear base cover
c) Ensure cables are not being pinched by covers
d) Replace and tighten fasters with Allen Key

9. Check Battery Level and Charge

a) Plug unit into wall. LCD will indicate Battery Charge Level.
b) Battery is fully charged when bars on LCD stop scrolling

CARE, HANDLING, AND STORAGE

WARNING

Do not connect battery output leads together. Serious personal injury may result and will permanently damage battery. Do not remove or lift battery by its output leads. Move or lift the battery by picking it up by its case.

PROPOSITION 65 WARNING

Battery posts, terminals and related accessories contain lead components, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

Disconnect Power Cord and Battery Before Service

LEAD BATTERY MUST BE RECYCLED

For replacement battery contact Rubbermaid 1-888-859-8294

CART DISPOSAL

Dispose of this cart according to local guidelines and regulations for waste. Contact Rubbermaid Customer Service for more information. 1-888-859-8294

Transport/Storage

Care should be taken to transport and store this system within a temperature range of 32º F to 90º F (0º C to 32º C); Pressure 500 hPa to 1060 hPa; Humidity 20% RH to 95% RH non-condensing

BATTERY HAZARD RATING INDEX

Red: Flammability = 1
Slight: Slightly combustible – requires strong heating to ignite

Blue: Health = 3
Serious: Toxic – avoid inhalation or skin contact

Yellow: Reactivity: 2
Moderate: Unstable – may react with water

White: Specific = ACID

The specific meaning of the Hazard Rating for your battery is provided below. For general hazard rating meanings, refer to the next page.

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CARE, HANDLING, AND STORAGE (cont'd)

Color	Symbol	Signal Word	Level of Hazard
Yellow		**IMPORTANT**	Indicates a situation that does not present any hazard but is very important in maintaining a well functioning cart.
Yellow		**CAUTION**	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
Yellow		**ELECTRICAL**	Indicates an impending electrical hazard which, if not avoided, may result in personal injury, fire and/or death.

Color	Type	Number	Level	Description
Blue	Health	4	Extreme	Highly Toxic: May be fatal on short term exposure. Special protective equipment required.
		3	Serious	Toxic: Avoid inhalation or skin contact.
		2	Moderate	Moderately Toxic: May be harmful if inhaled or absorbed.
		1	Slight	Slightly Toxic: May cause slight irritation.
		0	Minimal	All chemicals have some degree of toxicity.
Red	Flammability	4	Extreme	Extremely flammable gas or liquid: Flash Point below 73°F.
		3	Serious	Flammable: Flash Point 73° to 100° F.
		2	Moderate	Combustible: Requires moderate heating to ignite. Flash Point 100° to 200° F.
		1	Slight	Slightly combustible: Requires strong heating to ignite.
		0	Minimal	Will not burn under normal circumstances.
Yellow	Reactivity	4	Extreme	Explosive at room temperature.
		3	Serious	May explode if shocked, heated under confinement or mixed with water.
		2	Moderate	Unstable, may react with water.
		1	Slight	May react if heated or mixed with water.
		0	Minimal	Normally stable, does not react with water.
White	Protective Equipment	N/A	Varies	Varies

MAINTENANCE

Unless directed by the installation instructions, DO NOT service or make any modifications or replace any parts on your cart. Only Rubbermaid or an approved technician should service or make modifications to the cart.

DO NOT use the cart if any pieces are missing or if there is any damage to the cart. In these cases, immediately contact Rubbermaid Customer Service for more information.

Cables:
Always keep the cables neatly organized and be sure to route excess cables away from moving components with wire tires or cable clips.

Casters:
To ensure that the cart travels smoothly, check the casters periodically to make sure they are free of debris and clean. Keep the cart away from uneven, dirty or damaged surfaces.

Fasteners:
If fasteners become loose please notify Rubbermaid Customer Service. If fasteners need to be tightened, do not over tighten screws. In addition to damaging the screw, components can be damaged.

Spiral Cord:
Periodically inspect cord and plug to ensure plug is not bent and cable is not frayed.

CLEANING

CAUTION:

Because of the close proximity of electrical power and equipment, flammable cleaners should never be used on the cart!

- Verify that your cart is unplugged from the wall outlet before cleaning.
- Allow your cart to dry completely before plugging the power cord into a wall outlet.
- When cleaning the cart, wipe cleaners off of surface with a damp cloth and thoroughly dry.
- Never cover the cart or its components in liquid or allow liquids to flow into the cart.
- Never use steel wool or other abrasive material as these could damage the surface finish
- Before using any cleaner on the cart, first test on a small area to ensure that the surface is not harmed. These guidelines cannot guarantee infection control. The hospital's Infection Control administrator should be consulted for cleaning procedures and processes.

RECOMMENDATIONS:

- Clean plastic components with diluted, non-abrasive solutions. Suggested cleaners are water, soap, diluted bleach and alcohol solutions.
- Remove pen and dry erase marker stains with a soft cloth and 91% isopropyl alcohol.
- Remove iodine stains with a soft cloth and any cleaners suggested above.

DO NOT use the following chemicals to clean your cart: Acetone, Mineral Spirits, Abrasive Cleansers, Paint Thinner or any other harsh or toxic chemicals.

CLEANING OF HIGH TOUCH POINT ITEMS

1. **Work Surface** is fully removable to facilitate cleaning (see Step 1 of Start up instructions)
2. **Document Protector** is removable for cleaning by pulling up on back corners. To replace press nylon fastener into hole in work surface. Document protector is a replaceable item
3. **Back Handle** is fully removable (see Step 9 of Start up instructions)
4. **Rear Bins** can be removed by grabbing outside edge of bin and lifting up
5. **Keyboard Tray and Mouse Pads -** Tray and mouse pads are composed of melamine resin and are easy to wipe down.

WARRANTY & SERVICE OVERVIEW

Service Level Commitment

Rubbermaid Medical Solutions is committed to providing best-in-class service. This document details our standard warranty and instructions on how to request service using our customer support system.

LIMITED WARRANTY

Rubbermaid Medical Solutions (RMS) is pleased to offer a three year warranty on durable components and a two year warranty on electronic components (commencing on the date of receipt by client). Battery performance is warranted for three months from the date of receipt of product.

If during the warranty period this RMS product proves defective in materials or workmanship under normal use by the original purchaser, please contact RMS technical support at www.rubbermaidmedical.com/service (please be sure to complete all information, including product serial number, description of the issue and full contact information). RMS will determine, in its sole discretion, how to best address your warranty issue, which may include sending you a replacement part or providing on site technical assistance. RMS reserves the right to require proof of purchase prior to honoring any warranty request. This warranty does not cover product abuse, modification, failure to adhere to product instructions, improper operation/misuse. RMS SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or country to country.

An extended warranty may be available for this product. Should you wish to purchase an extended warranty, please contact your RMS sales representative.

Service Details:

Components generally requiring on-site technical assistance may include, but are not limited to: cart electronics, lift mechanism, power system, locking mechanism and structural failures.

Components that generally do not warrant on-site technical assistance may include, but are not limited to: scanner holder, power cord, drawers, battery replacement and casters.

REPLACEMENT PARTS AND REQUESTING SERVICE

Please visit our website at: www.rubbermaidmedical.com/suppport

Statement of Use:

Rubbermaid Medical Solutions is dedicated to providing innovative quality products. Our goal is to increase the capacity to care by improving productivity, ergonomics and compliance, while enhancing your facility image.

These mobile carts are designed for safe use in general patient areas for the purpose of clinical data entry and retrieval. These carts have no potential electromagnetic or other interference risks when operated according to guidelines covered in this instruction manual.

Tested to comply with:
• EN 60601-1:2003–
Medical Electrical Equipment, Part 1:
General Requirements for Safety –
Collateral Standard: Electromagnetic
Compatibility – Requirements and Tests

• FCC PART 15, Subpart B, Class A –
Unintentional Radiators

This product is classified as:

Class 1/ Internally powered device with no applied parts.
This equipment is designed for continuous operation.
Class A, Group 1 ISM Equipment
This device is classified IPXO for water ingress
Input 120 Vac, 60 Hz, 5.1A

Contact Us
Customer Service:
Rubbermaid Medical Solutions
16905 Northcross Drive, Suite 120
Huntersville, NC 28078
Phone: 1-888-859-8294
Fax: 1-888-859-8297

customer.service@rubbermaidmedical.com
www.rubbermaidmedical.com